

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/10209

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F25D25/02 F25D17/06 A47B57/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F25D A47B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 14, 5 March 2001 (2001-03-05) -& JP 2000 320946 A (LG ELECTRONICS INC), 24 November 2000 (2000-11-24) abstract	1-5, 9, 22
Y A	---	10 6-8, 18, 20, 23
Y	PATENT ABSTRACTS OF JAPAN vol. 015, no. 432 (M-1175), 5 November 1991 (1991-11-05) -& JP 03 181774 A (MATSUSHITA REFRIG CO LTD), 7 August 1991 (1991-08-07) abstract	10
	---	
	-/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

14 January 2003

Date of mailing of the international search report

21/01/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

De Graaf, J.D.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/10209

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 14, 22 December 1999 (1999-12-22) -& JP 11 257830 A (SANYO ELECTRIC CO LTD), 24 September 1999 (1999-09-24) abstract	1,3,9
X	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 14, 22 December 1999 (1999-12-22) -& JP 11 241880 A (SANYO ELECTRIC CO LTD), 7 September 1999 (1999-09-07) abstract	1,3,9
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 08, 6 October 2000 (2000-10-06) -& JP 2000 139636 A (FUJI ELECTRIC CO LTD), 23 May 2000 (2000-05-23) abstract	1,3,9
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 523 (C-1113), 21 September 1993 (1993-09-21) -& JP 05 146348 A (FUJI ELECTRIC CO LTD), 15 June 1993 (1993-06-15) abstract	1,3,9
A	US 3 982 801 A (HEIDORN JOHN H ET AL) 28 September 1976 (1976-09-28) abstract figures 1,4	10
A	US 3 707 317 A (DAWLEY DANIEL B ET AL) 26 December 1972 (1972-12-26)	
A	FR 1 407 947 A (STRING DESIGN AB) 6 August 1965 (1965-08-06)	

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/10209

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2000320946	A	24-11-2000	KR 2000073339 A	05-12-2000
			AU 3260600 A	16-11-2000
			CN 1273353 A	15-11-2000
			US 6347530 B1	19-02-2002
JP 03181774	6 A		NONE	
JP 11257830	6 A		NONE	
JP 11241880	6 A		NONE	
JP 2000139636	A	23-05-2000	NONE	
JP 05146348	6 A		NONE	
US 3982801	A	28-09-1976	NONE	
US 3707317	A	26-12-1972	NONE	
FR 1407947	A	06-08-1965	NONE	

22/10/02  
 17.00  
 17.00  
 (624)